

# DRAFT DATA – SWAMP Labor Day 2008 Bacteria Monitoring

Description of Sample Site: American River, South Fork, at Lotus  
 SWAMP Site ID: 514AMR805  
 Watershed: American River Watershed  
 County: El Dorado  
 Longitude: -120.909733  
 Latitude: 38.806817

| Constituent                               | Water Quality Guideline                                   | Wednesday<br>August 27,<br>2008 | Sunday<br>August 31,<br>2008 | Wednesday<br>September 3,<br>2008 |
|---|---|---------------------------------|------------------------------|-----------------------------------|
| <b>E. coli (MPN/100 mL)</b>               | <235 MPN/100mL (EPA<br>Contact Recreation<br>Guideline)   | 108.1                           | 109.2                        | 6.3                               |
| <b>Electrical Conductivity (umhos/cm)</b> | ≤900 umhos/cm<br>(Secondary Maximum<br>Contaminant Level) | 23                              | 21                           | 22                                |
| <b>pH</b>                                 | 6.5-8.5 (Basin Plan<br>Objective)                         | 7.49                            | 8.00                         | 8.21                              |
| <b>Temperature (° Celcius)</b>            | ≤20 °C (Basin Plan<br>Objective for Bay-Delta)            | 16.59                           | 14.59                        | 14.95                             |

•NOTES:

# SWAMP Labor Day Recreation Study -Before, During and After Labor Day 2008

## American River, South Fork, at Lotus (514AMR805)

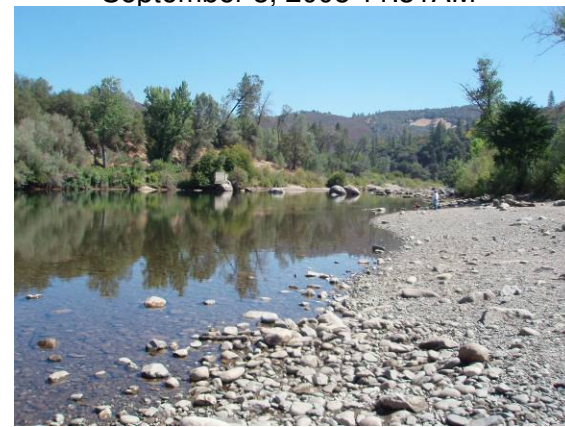
August 27, 2008 11:45AM



August 31, 2008 11:31AM

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September 3, 2008 11:31AM



The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance with field collection was provided by a number of local watershed groups. Summary sheets for all sites included in this study can be found at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/water\\_quality\\_studies/surface\\_water\\_ambient\\_monitoring/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/index.shtml)

